

AMENDMENTS TO THE CLAIMS

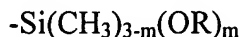
This listing of claims will replace all prior versions, and listings, of claims in the present application:

Listing of Claims:

1. **(Currently Amended)** A hair treatment agent ~~comprising~~ composition comprising:
an acryl/silicone copolymer (A) having at least one hydrolyzable silyl group per molecule; and
at least one additional ingredient suitable for application to hair, said composition being in the form of liquid, milky lotion, cream, solid, paste, gel, multilayer, mousse, spray or stick.

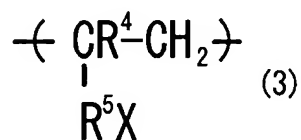
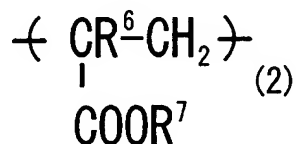
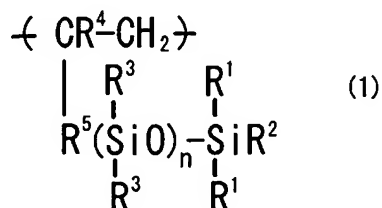
2. **(Currently Amended)** The hair treatment agent composition according to claim 1, wherein the acryl/silicone copolymer (A) is an acryl/silicone graft copolymer having an acrylic polymer backbone and an organopolysiloxane polymer branch.

3. **(Currently Amended)** The hair treatment agent composition according to claim 1 or 2, wherein the hydrolyzable silyl group is



wherein R is an alkyl group having 1 to 10 carbon atoms, an alicyclic group, an alkenyl group, an aryl group, an aralkyl group, or an alkaryl group, m is an integer of from 1 to 3, and R may be different from each other when m is 2 or 3.

4. (Currently Amended) The hair treatment agent composition according to claim 1, wherein the acryl/silicone copolymer (A) has the following repeating units (1), (2) and (3):



wherein R¹, R² and R³ may be the same with or different from each other and are selected from the group consisting of alkyl groups having 1 to 30 carbon atoms, aryl groups, aralkyl groups and fluorinated alkyl groups,

R⁴ and R⁶ may be the same with or different from each other and are selected from the group consisting of a hydrogen atom and a methyl group,

R⁵ may be the same with or different from each other and is an alkyleneoxycarbonyl group having 2 to 11 carbon atoms or a phenylene group,

R⁷ is an alkyl group having 1 to 30 carbon atoms,

X is the hydrolyzable silyl group as described in claim 1, and

n is an integer of from 3 to 500.

5. **(Currently Amended)** The hair treatment agent composition according to claim 1, wherein the copolymer has a weight average molecular weight of from 5,000 to 200,000.

6. **(Currently Amended)** A hair cosmetic comprising the hair treatment agent composition according to claim 1.

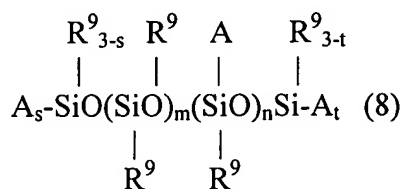
7. **(Currently Amended)** A ~~two-agent~~ two-component hair cosmetic kit composed of a ~~first agent comprising a first component of an ingredient which is~~ at least one selected from the group consisting of amino-modified silicones, amino acid-modified silicones, and carboxyl-modified silicones, and a second ~~agent comprising~~ component which is the hair treatment agent composition according to claim 1.

8. **(Currently Amended)** A ~~three-agent~~ three-component hair cosmetic kit composed of the ~~two agents~~ two-component hair cosmetic kit according to claim 7 and an amino-modified silicone as the third component.

9. **(Original)** The cosmetic according to claim 7 or 8, wherein the amino-modified silicone is at least one selected from the group consisting of silicones having an amino group grafted to a silicone backbone, silicones having an amino group bonded to either one end of a silicone backbone, silicones having amino groups bonded to both ends of a silicone backbone, silicones having amino groups bonded to both ends of a silicone backbone and an amino group

grafted to the silicone backbone, and silicones having a silicone chain and an amino group both grafted to a silicone backbone.

10. **(Previously Presented)** The cosmetic according to claim 7, wherein the amino-modified silicone is represented by the following formula (8),



wherein A is $-R^{10}NH_2$ or $-R^{10}NHR^{11}NH_2$, wherein R^{10} and R^{11} are alkylene groups having 1 to 8 carbon atoms,

R^9 may be the same with or different from each other and is selected from the group consisting of alkyl groups having 1 to 30 carbon atoms, alicyclic groups, aryl groups, aralkyl groups, and fluorinated alkyl groups,

m and n may be the same with and different from each other and are integers of from 0 to 300, and s and t may be the same with or different from each other and are integers of from 0 to 3 with $1 \leq n+s+t$.

11. **(Previously Presented)** The hair cosmetic according to claim 6 wherein the hair cosmetic further comprises one or more of an unctuous agent (B).

12. **(Original)** The hair cosmetic according to claim 11, wherein at least part of the unctuous agent (B) is selected from the group consisting of organopolysiloxanes having a

viscosity of from 0.65 to 1,000,000 mm²/s, cyclic siloxanes, and silicone rubbers or resins dissolved or dispersed in a cyclic siloxane.

13. **(Original)** The hair cosmetic according to claim 11 or 12, wherein at least part the aforesaid unctuous agent (B) has a fluorine-containing group.

14. **(Previously Presented)** The hair cosmetic according to claim 6, wherein the hair cosmetic further comprises water (C).

15. **(Previously Presented)** The hair cosmetic according to claim 6, wherein the hair cosmetic further comprises a compound (D) having an alcoholic hydroxyl group in a molecule.

16. **(Previously Presented)** The hair cosmetic according to claim 6, wherein the hair cosmetic further comprises a water-soluble or water-swelling polymer (E).

17. **(Previously Presented)** The hair cosmetic according to claim 6, wherein the hair cosmetic further comprises a surfactant (F).

18. **(Original)** The hair cosmetic according to claim 17, wherein the surfactant (F) is a linear or branched polyoxyalkylene-modified organopolysiloxane.

19. **(Original)** The hair cosmetic according to claim 17, wherein the surfactant (F) is a linear or branched polyglycerin-modified organopolysiloxane.

20. **(Previously Presented)** The hair cosmetic according to claim 6, wherein the hair cosmetic further comprises a crosslinked organopolysiloxane (G).

21. **(Original)** The hair cosmetic according to claim 20, wherein the crosslinked organopolysiloxane (G) has been incorporated in the cosmetic in a state swollen in a silicone having a viscosity of from 0.65 to 10.0 mm²/sec in an amount larger than a weight of the crosslinked organopolysiloxane (G).

22. **(Original)** The hair cosmetic according to claim 20 or 21, wherein the crosslinked organopolysiloxane (G) is a reaction product of an organopolysiloxane having at least two alkenyl groups per molecule with an organohydrogenpolysiloxane having a Si-H bond.

23. **(Previously Presented)** The hair cosmetic according to claim 20, wherein the crosslinked organopolysiloxane (G) has at least one moiety selected from the group consisting of polyoxyalkylene moieties, polyglycerin moieties, alkyl moieties, alkenyl moieties, aryl moieties and fluoroalkyl moieties.

24. **(Previously Presented)** The hair cosmetic according to claim 6, wherein the cosmetic further comprises a silicone resin (H) selected from the group consisting of acrylsilicone resins

which do not have a hydrolyzable silyl group, silicone network compounds represented as MQ, MDQ, MT, MDT, or MDTQ, and silicone network compounds having at least one moiety selected from the group consisting of pyrrolidone moieties, long-chain alkyl moieties, polyoxyalkylene moieties, fluoroalkyl moieties, and amino moieties.

25. **(Previously Presented)** The hair cosmetic according to claim 6, wherein the cosmetic further comprises one or more of powder and/or coloring agent (I).

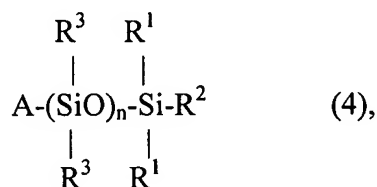
26. **(Original)** The hair cosmetic according to claim 25, wherein at least part of the powder and/or coloring agent (I) is crosslinked silicone fine powder with a structure of crosslinked dimethylsilicone, polymethylsilsesquioxane fine powder, silica made hydrophobic, or composite fine powder composed of spherical silicone rubber coated with polymethylsilsesquioxane particles.

27. **(Previously Presented)** The hair cosmetic according to claim 6, wherein the cosmetic is in the form of liquid, milky lotion, cream, solid, paste, gel, multilayer, mousse, spray or stick.

28. **(Currently Amended)** A method to prepare the hair treatment agent according to claim 1, wherein the method ~~comprising~~ comprises:

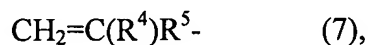
the step of copolymerizing 1 to 97 wt % of an organopolysiloxane represented by the following formula (4) having a radically polymerizable group, 0 to 95 wt % of an acrylic

monomer represented by the following formula (5), and 1 to 10 wt% of a silane compound represented by the following formula (6) having a radically polymerizable group,



wherein R^1 , R^2 and R^3 may be the same with or different from each other and are selected from the group consisting of alkyl groups having 1 to 30 carbon atoms, aryl groups, aralkyl groups and fluorinated alkyl groups,

A is a radically polymerizable group represented by the following formula (7),



wherein R^4 is a hydrogen atom or a methyl group and R^5 is an alkyleneoxycarbonyl group having 2 to 11 carbon atoms or a phenylene group, and

n is an integer of from 3 to 500;



wherein R^6 is a hydrogen atom or a methyl group and R^7 is an alkyl group having 1 to 30 carbon atoms;



wherein B is selected from the groups defined for A above, independently of A,

R^8 is an alkyl group having 1 to 4 carbon atoms or an alkenyl group,

m is an integer of from 1 to 3, and

R^8 's may be different from each other when m is 2 or 3.